

Title (en)

ZWITTERIONIC, NEUTRAL TRANSITION METAL COMPOUND

Title (de)

ZWITTERIONISCHE, NEUTRALE ÜBERGANGSMETALLVERBINDUNG

Title (fr)

COMPOSE D'UN NEUTRE, ZWITTERIONIQUE METAL DE TRANSITION

Publication

EP 1054914 A1 20001129 (DE)

Application

EP 99962247 A 19991209

Priority

- DE 19857377 A 19981212
- DE 19903306 A 19990128
- EP 9909682 W 19991209

Abstract (en)

[origin: US6486277B1] A boron-containing zwitterionic neutral transition metal compound which can advantageously be used for the polymerization of olefins is described. Here, the use of aluminoxanes, such as methylaluminoxane (MAO), as a cocatalyst can be dispensed with and a high catalyst activity and a good polymer morphology can nevertheless be achieved.

IPC 1-7

C08F 110/02; **C08F 4/643**

IPC 8 full level

C07F 17/00 (2006.01); **C08F 4/64** (2006.01); **C08F 4/643** (2006.01); **C08F 4/646** (2006.01); **C08F 4/659** (2006.01); **C08F 4/6592** (2006.01); **C08F 10/00** (2006.01); **C08F 110/02** (2006.01)

CPC (source: EP US)

C07F 17/00 (2013.01 - EP US); **C08F 10/00** (2013.01 - EP US); **C08F 4/65908** (2013.01 - EP US); **C08F 4/65912** (2013.01 - EP US); **C08F 4/65916** (2013.01 - EP US); **C08F 4/65927** (2013.01 - EP US); **Y10S 526/943** (2013.01 - EP US)

C-Set (source: EP US)

1. **C08F 10/00** + **C08F 4/65925**
2. **C08F 10/00** + **C08F 4/65908**
3. **C08F 10/00** + **C08F 4/65916**

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

US 6486277 B1 20021126; AT E260945 T1 20040315; DE 59908742 D1 20040408; EP 1054914 A1 20001129; EP 1054914 B1 20040303; ES 2217859 T3 20041101; JP 2002532584 A 20021002; WO 0035973 A1 20000622

DOCDB simple family (application)

US 62220500 A 20000814; AT 99962247 T 19991209; DE 59908742 T 19991209; EP 9909682 W 19991209; EP 99962247 A 19991209; ES 99962247 T 19991209; JP 2000588228 A 19991209